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REPLACEMENT SHEET

Applicant: MARIO LINKE

Serial No.: 10/787,492

Title: ACTIVE INTEGRATED RECTIFIER...ETC.

Docket: IR-2455 (2-3840)

Sheet 1 of 15

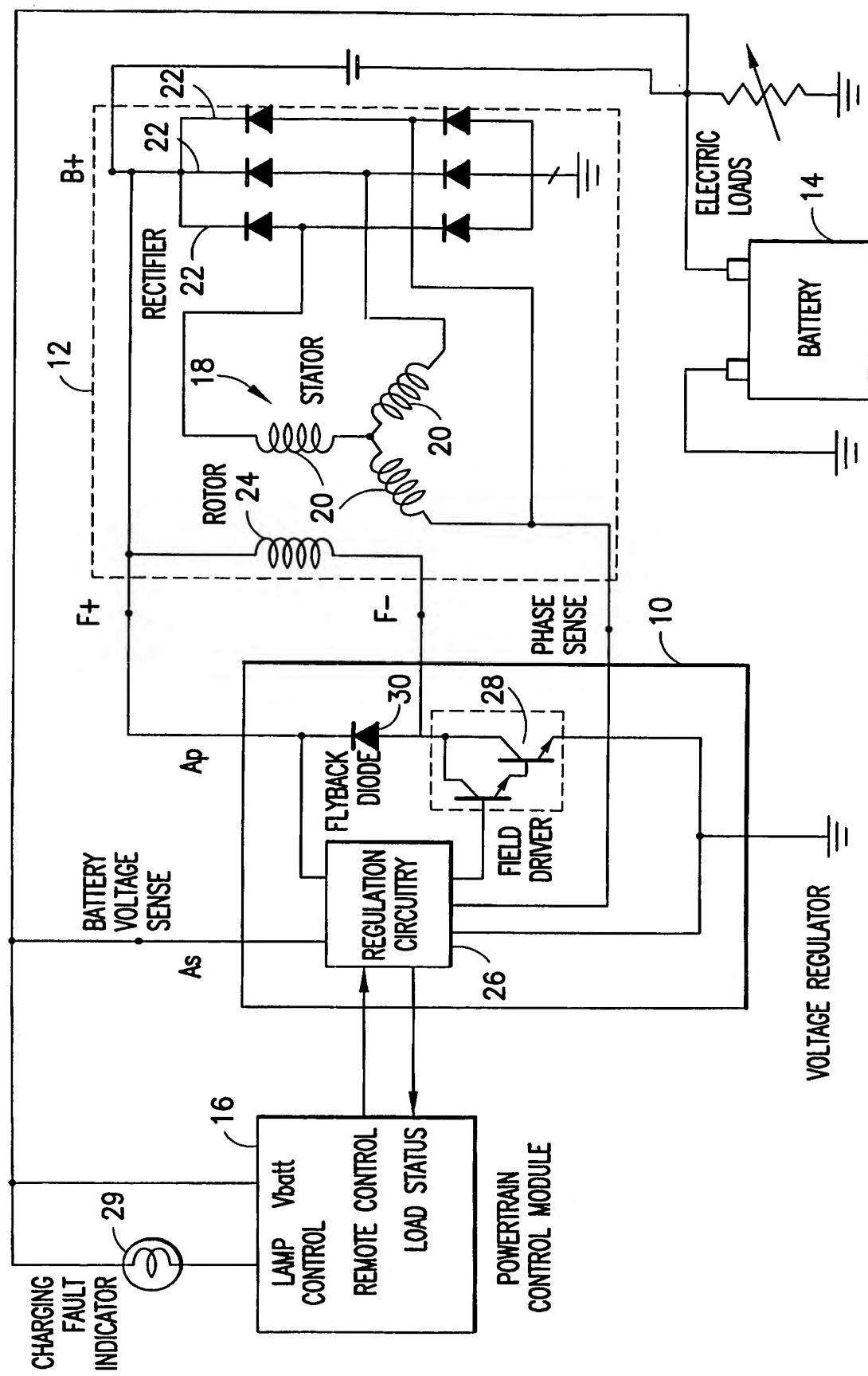


FIG. 1
PRIOR ART

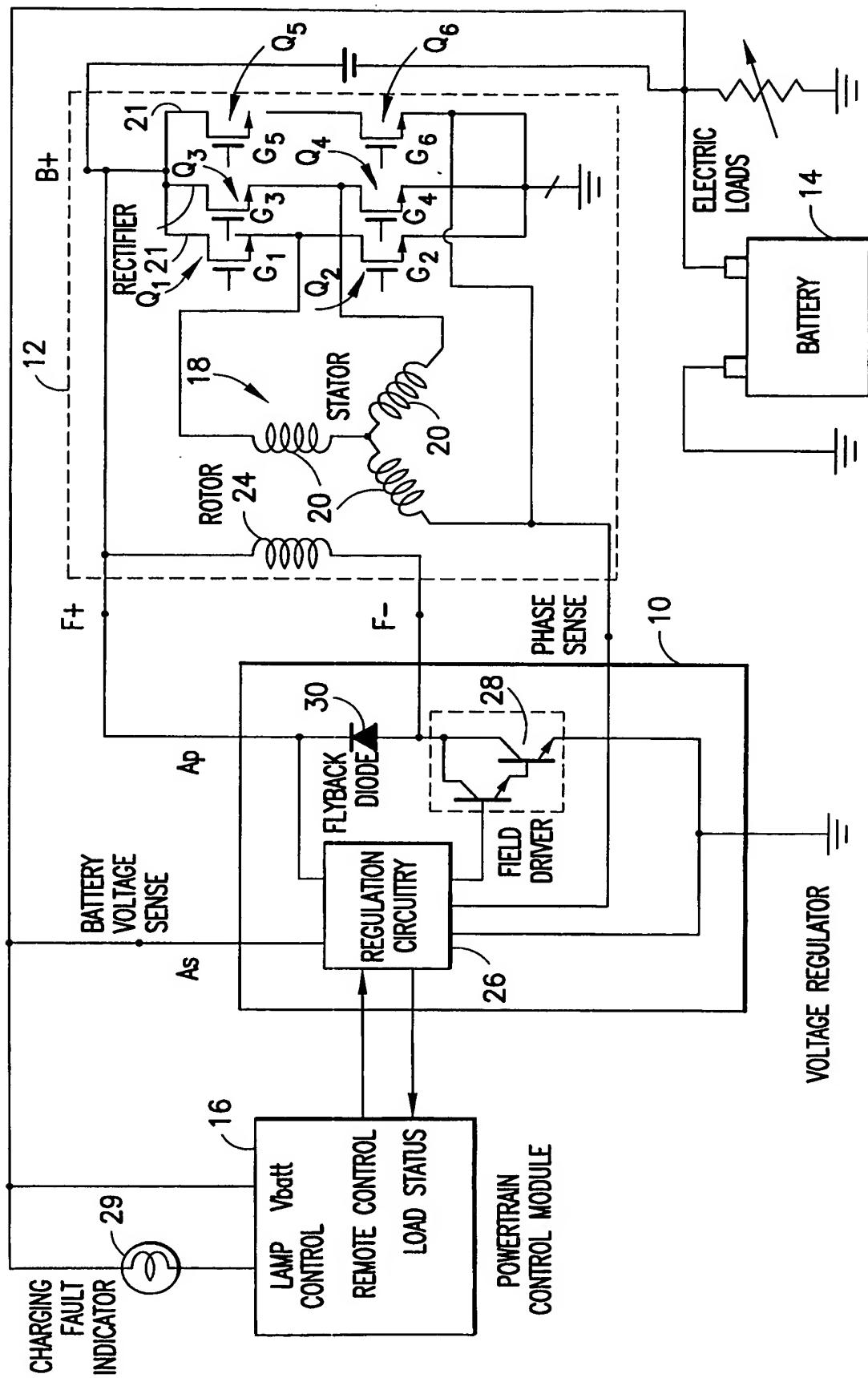


FIG.2

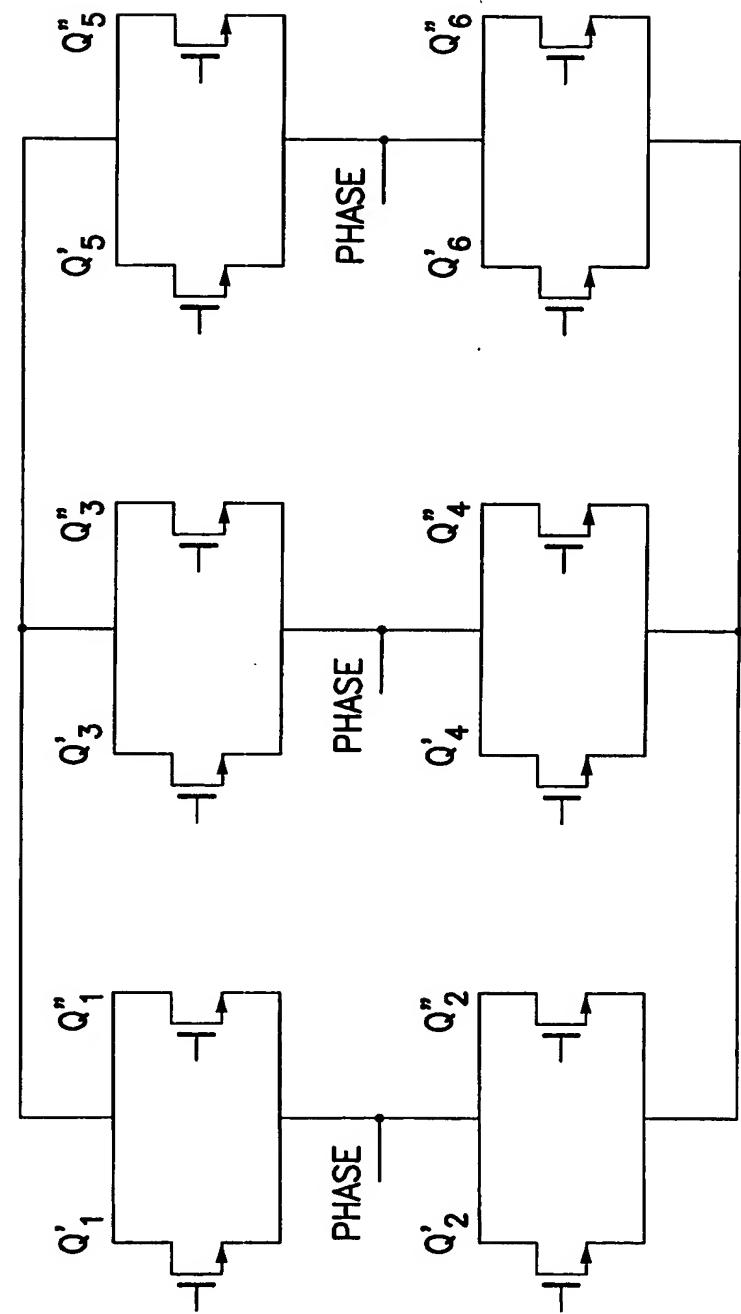


FIG.3

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V4
—
V4
—
14

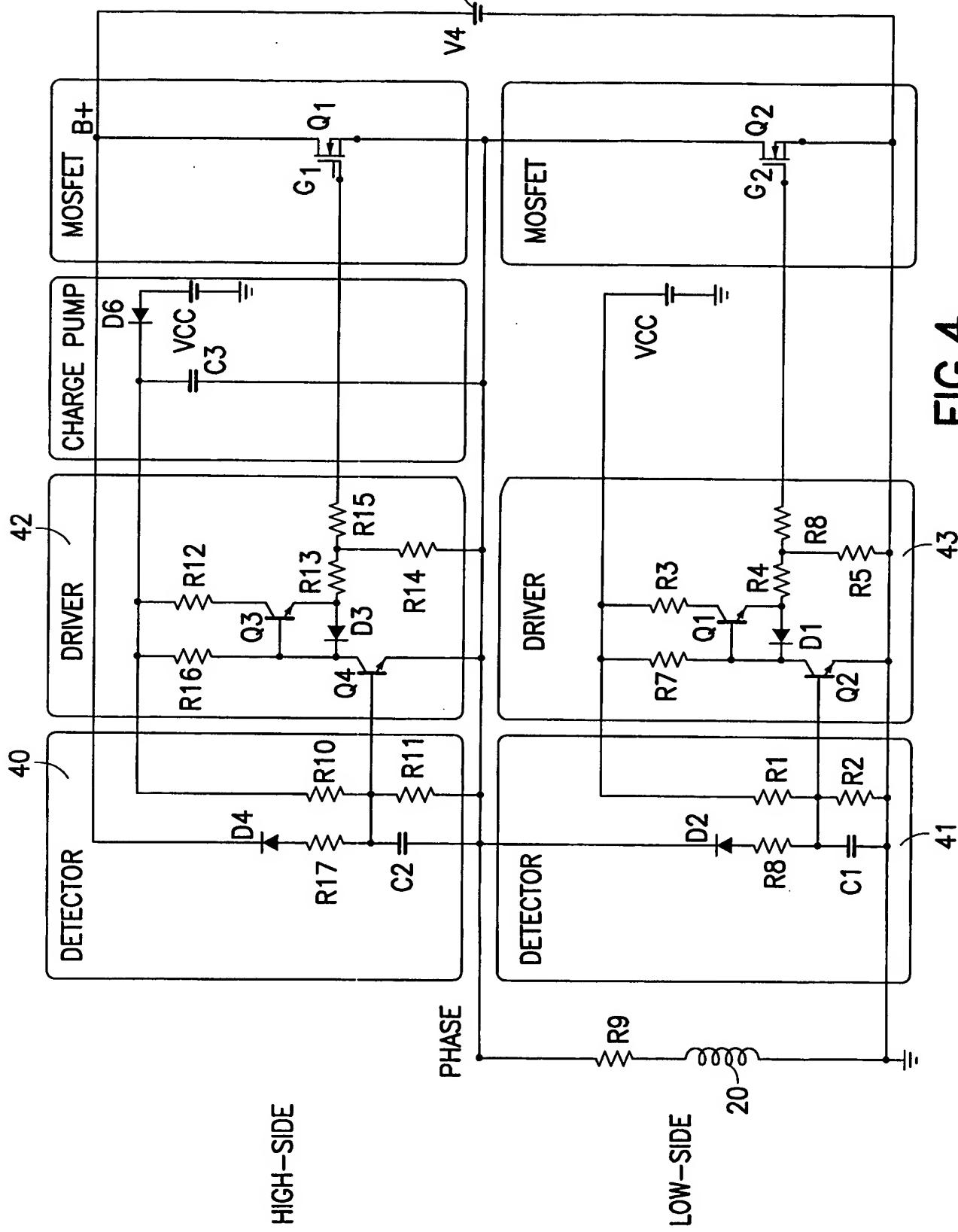


FIG.4

GATE VOLTAGE, PHASE VOLTAGE, LOW CURRENT
CIRCUIT2.CIR Temperature=27

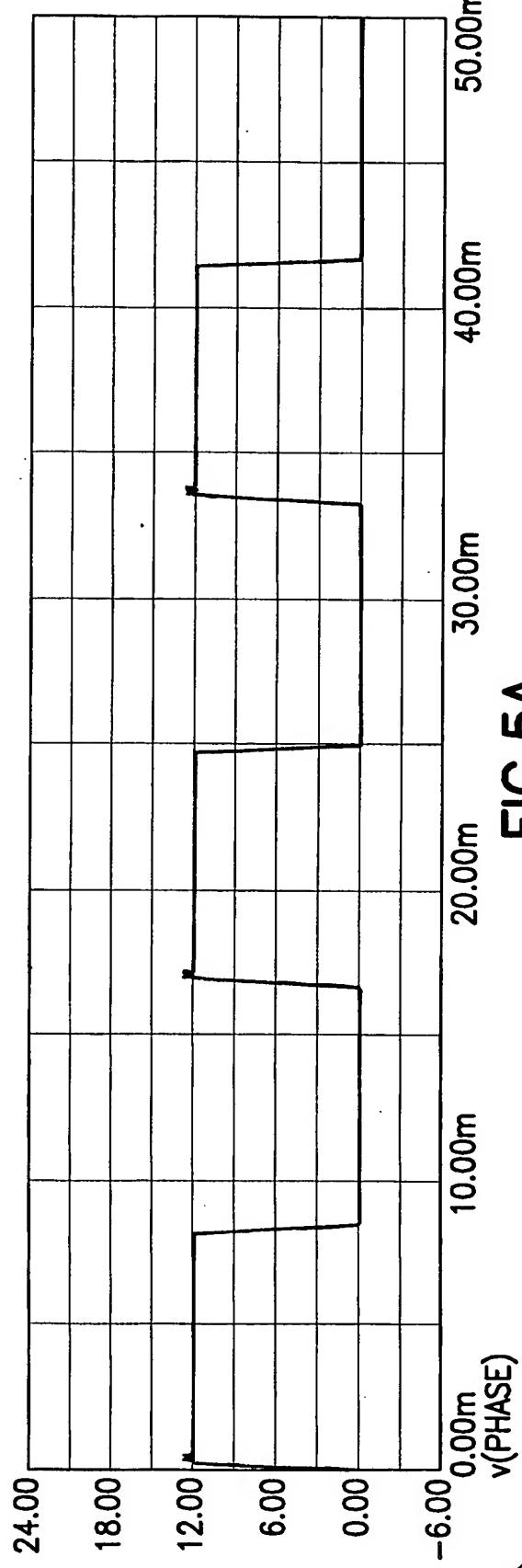
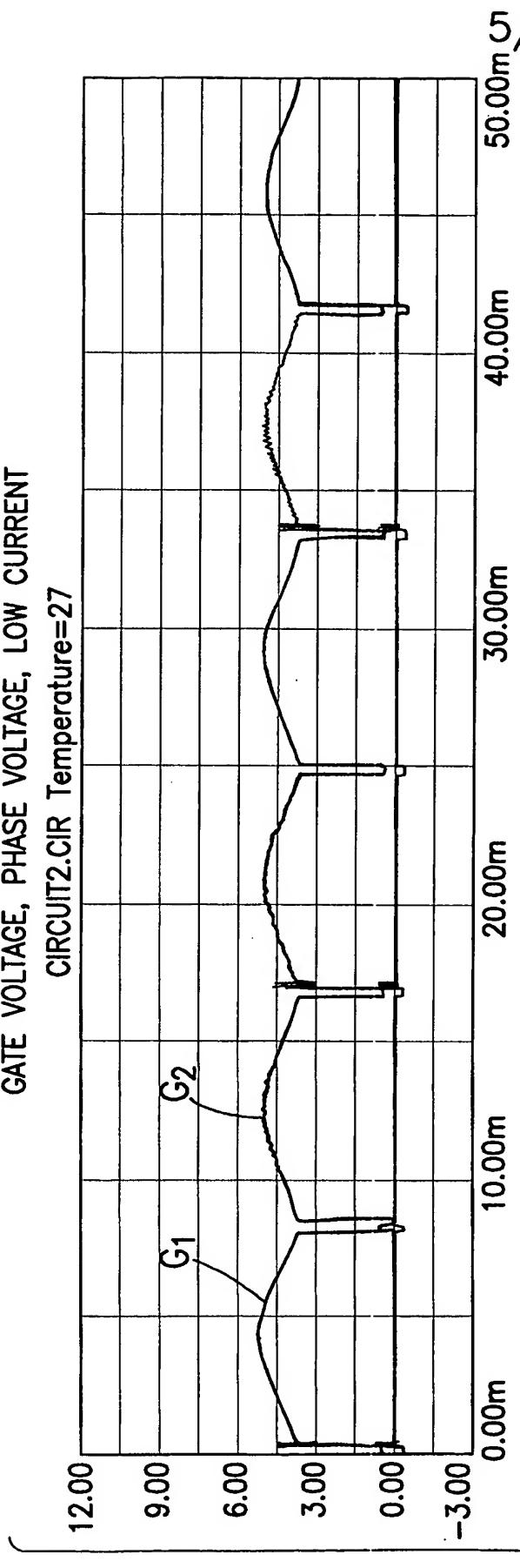


FIG.5A

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GATE VOLTAGE, PHASE VOLTAGE, MEDIUM CURRENT
CIRCUIT2.CIR Temperature=27

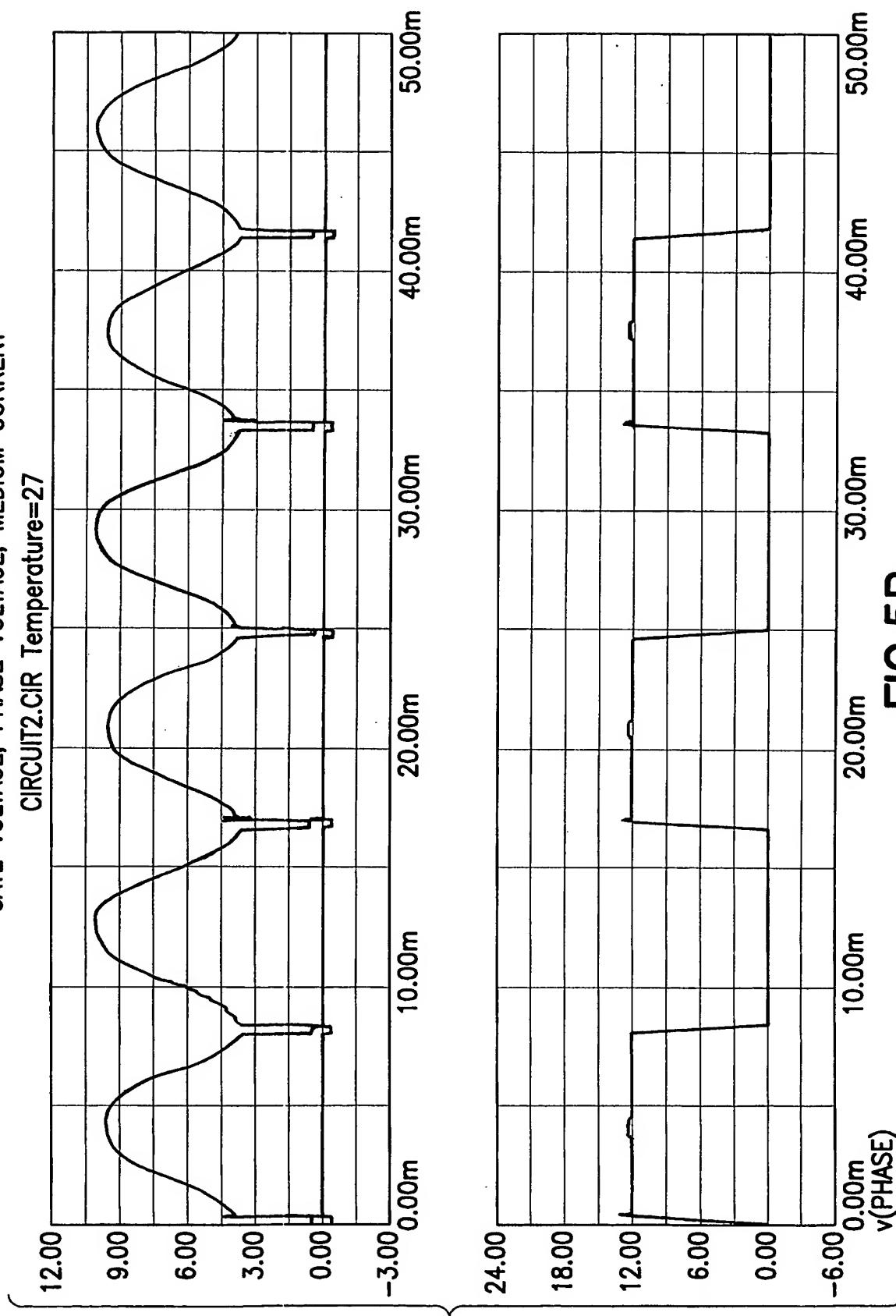


FIG.5B

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GATE VOLTAGE, PHASE VOLTAGE
CIRCUIT2.CIR Temperature=27

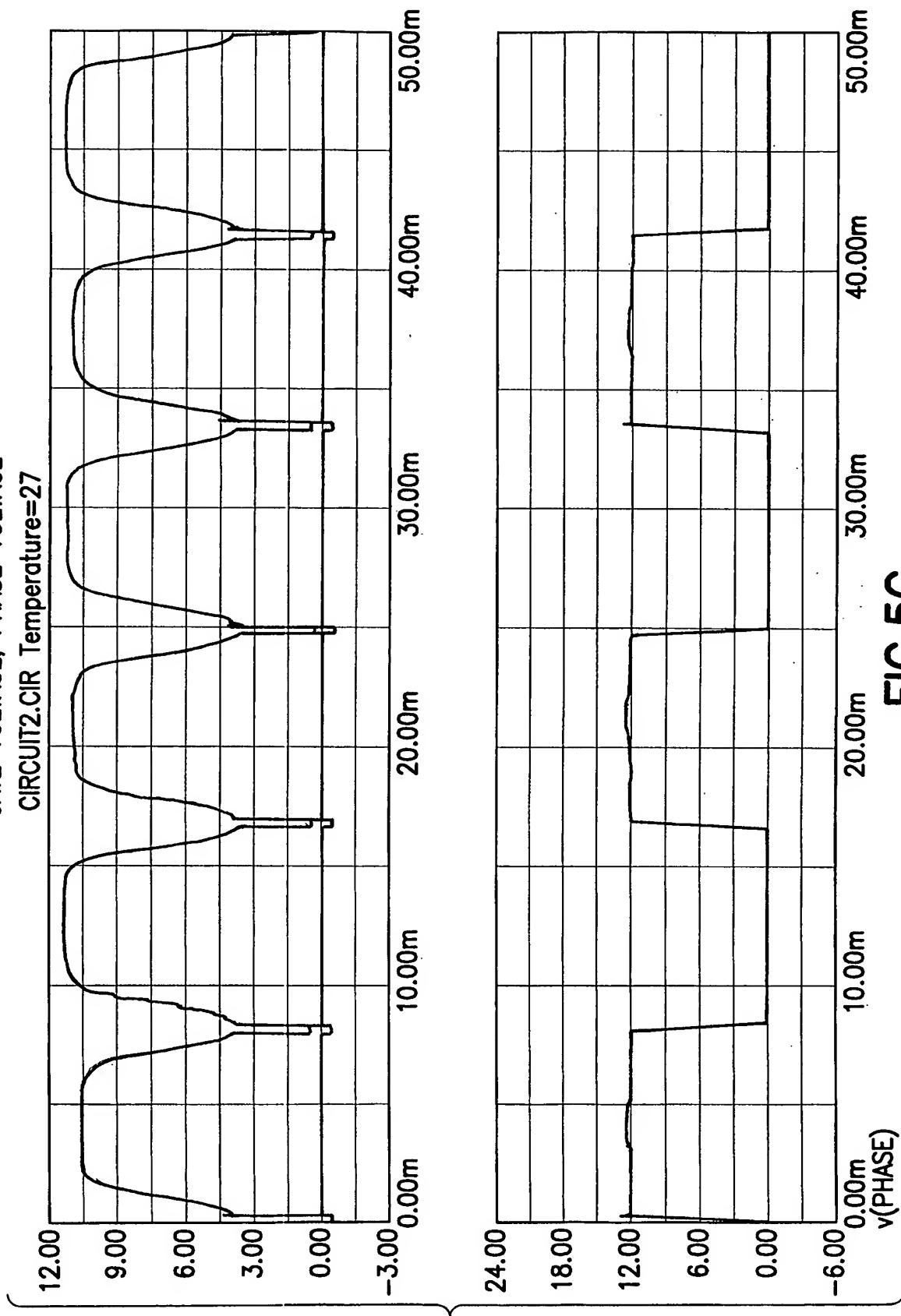


FIG.5C

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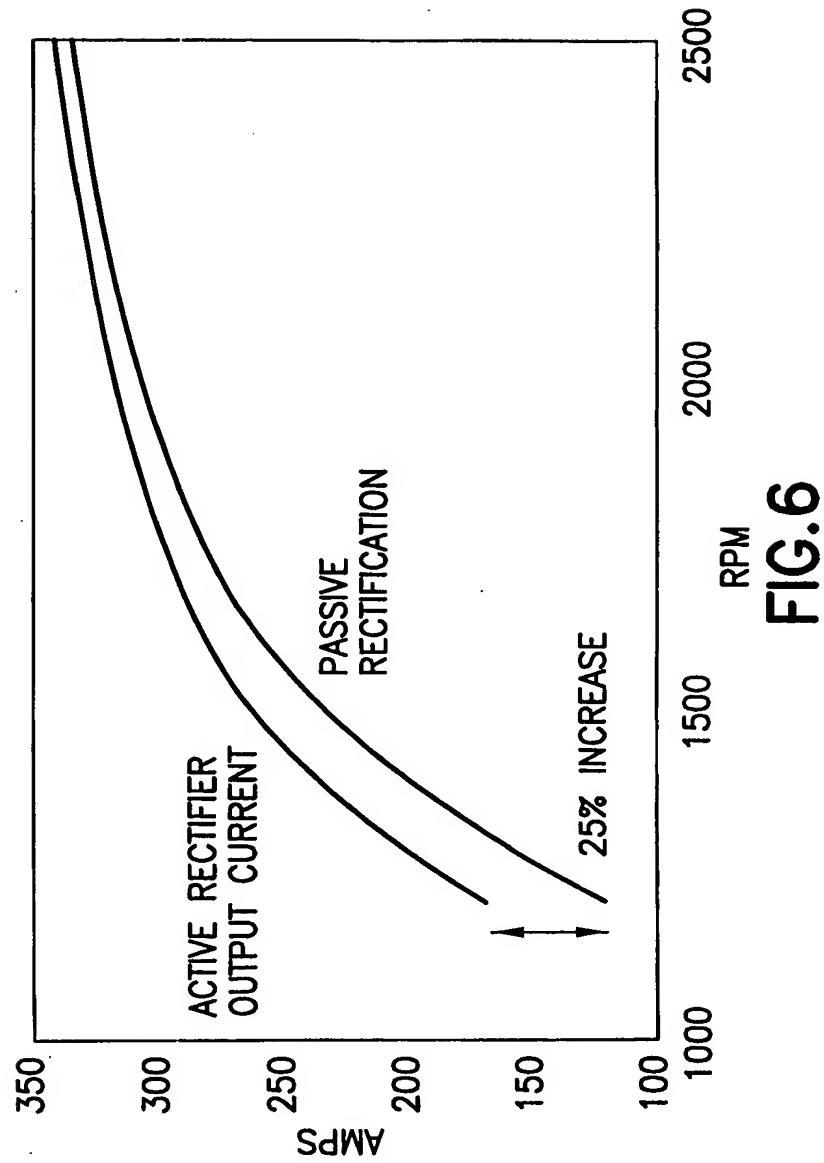


FIG. 6

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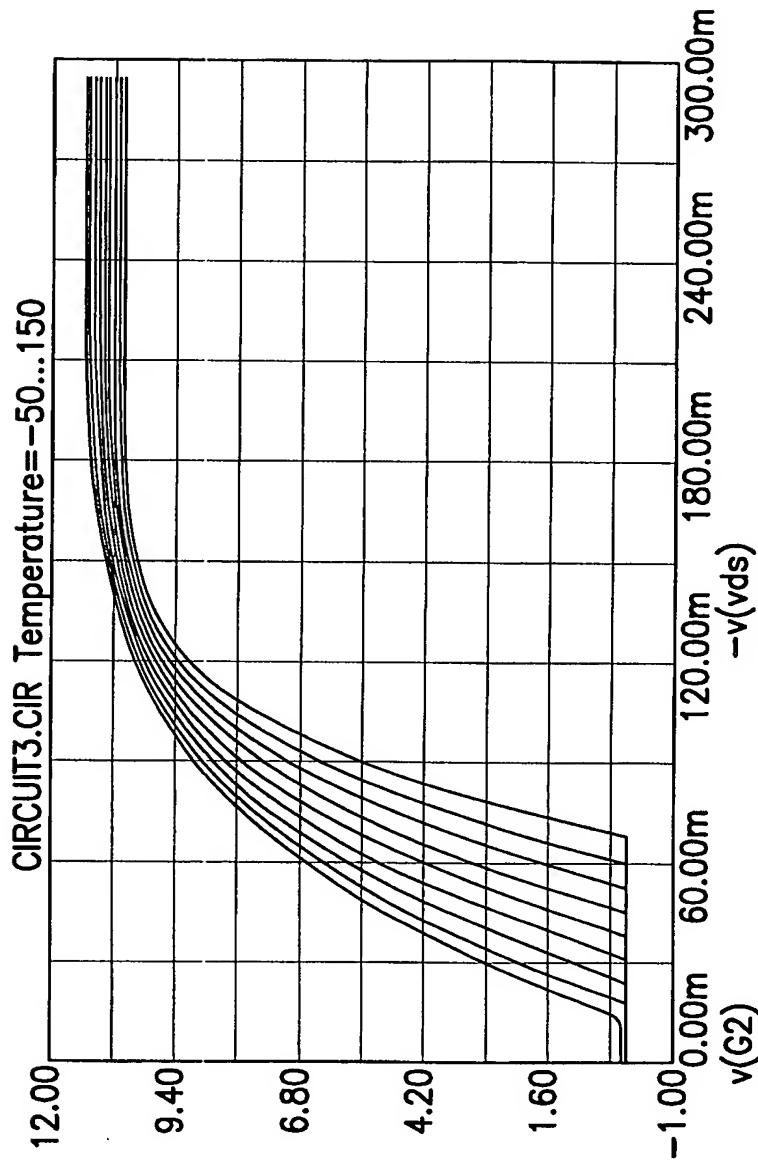


FIG. 7

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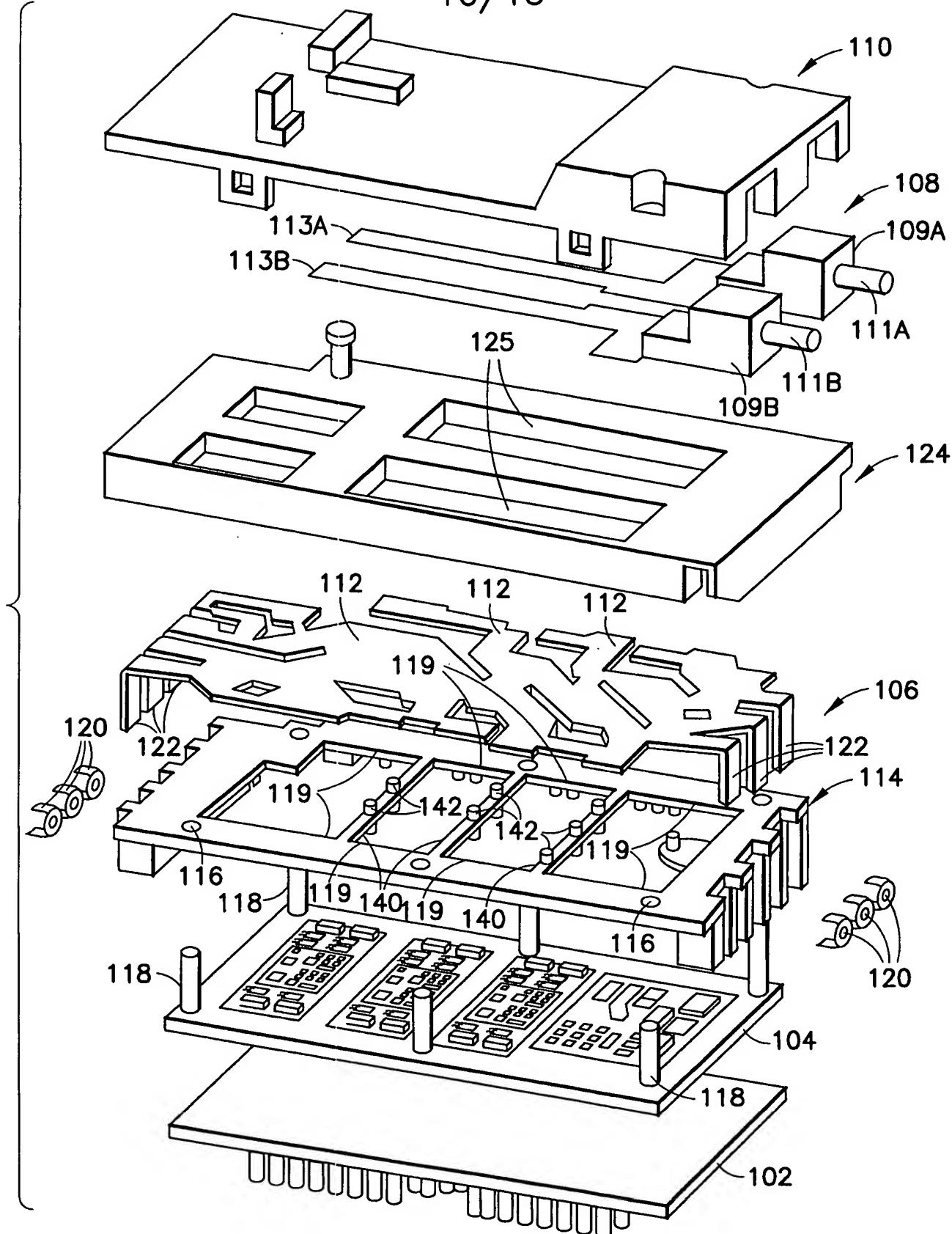


FIG.8

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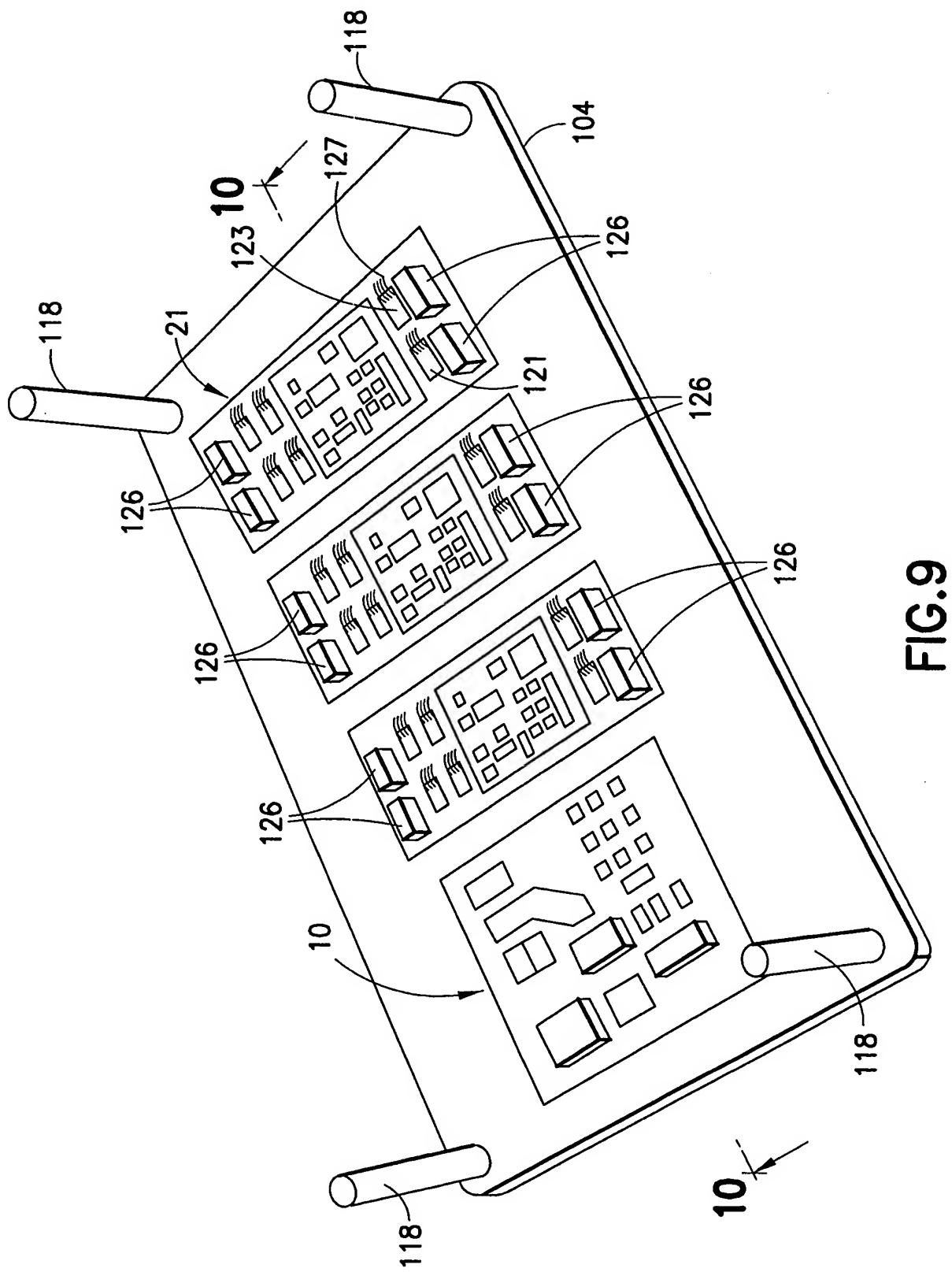


FIG.9

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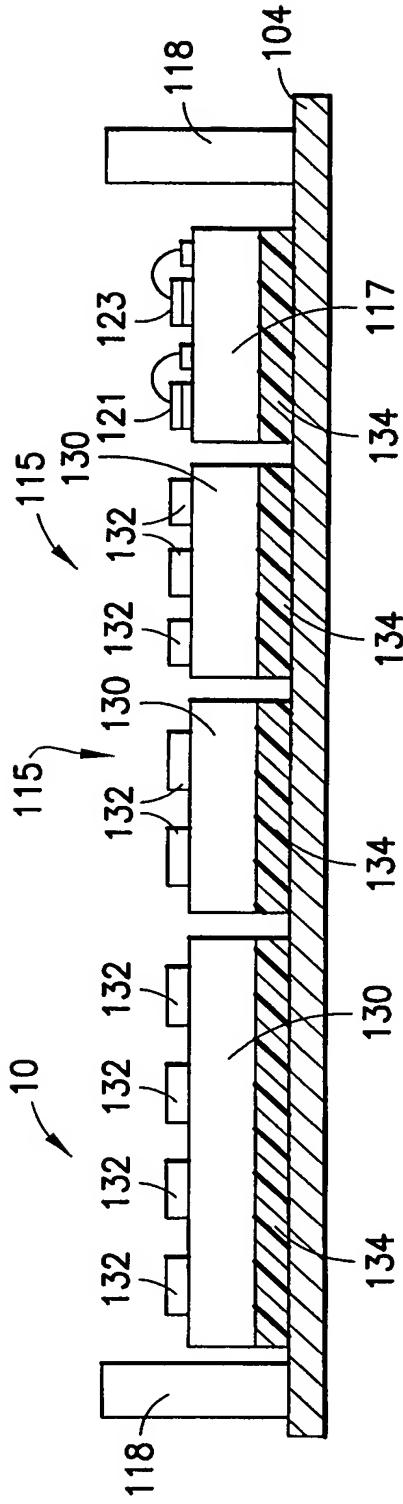


FIG. 10

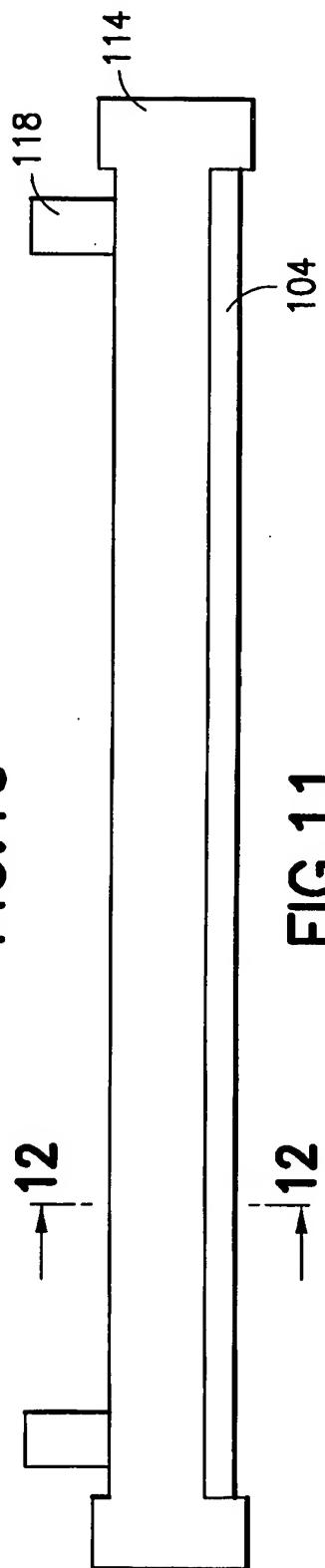


FIG. 1

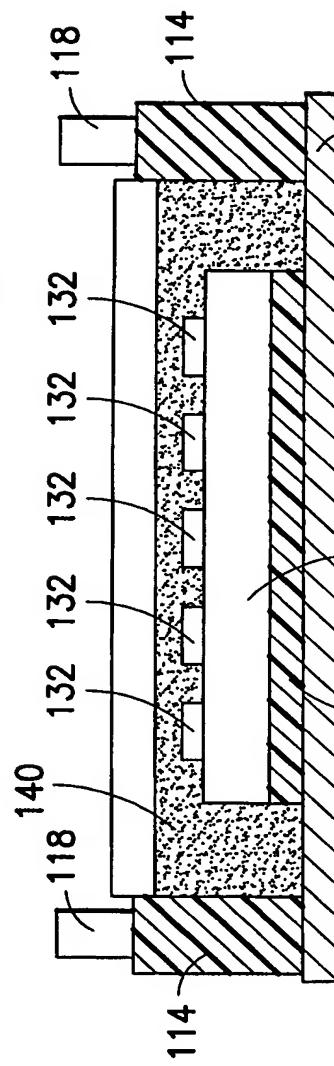


Fig. 12. 130 134 104

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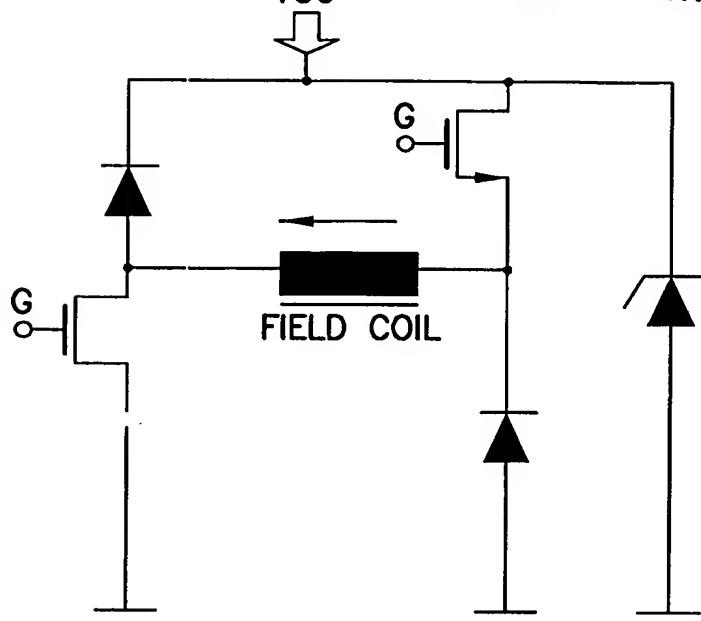


FIG. 13A

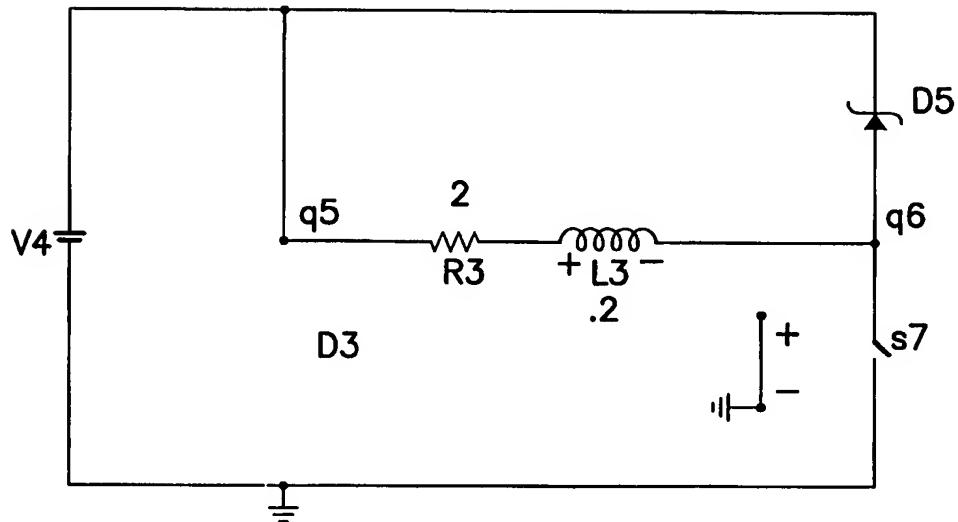


FIG. 13B

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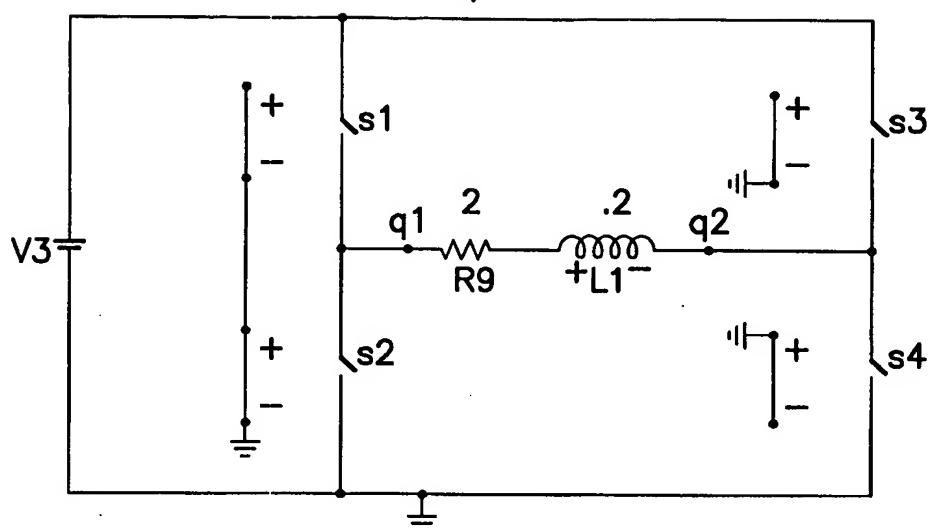


FIG. 13C

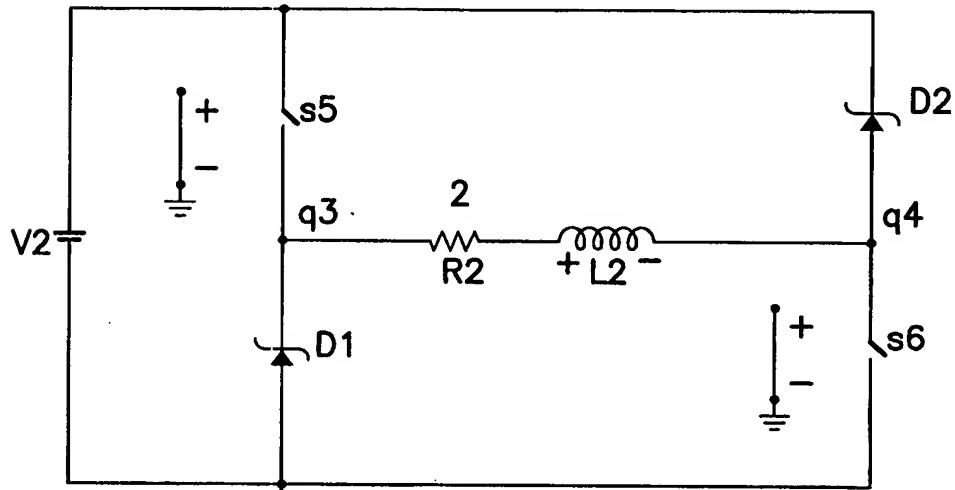


FIG. 13D

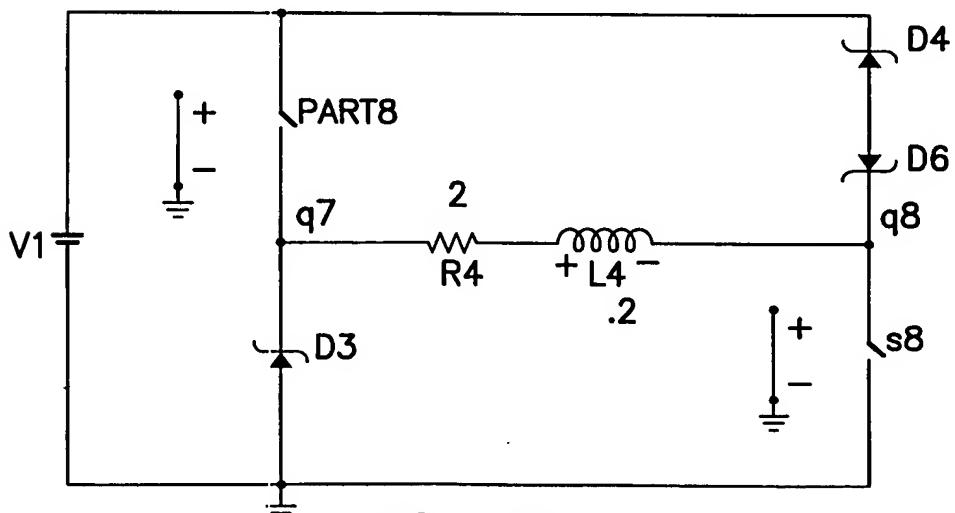


FIG. 13E

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